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 M3 - [01] D013 D019 D022 D023 D024 D025 D029 D300 D399 F010 F012 F013 F014 F015 F019 F020 F021 F029 F211 G010 G013 G019 G020 G021 G029 G037 G038 G039 G040 G111 G112 G221 G299 G542 G552 G562 G572 G582 H103 H141 H142 H143 H341 H342 H343 H541 H542 H543 H6 H601 H609 H663 H7 H721 H722 H724 L143 L199 M1 M116 M119 M122 M123 M124 M125 M126 M129 M133 M134 M139 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M240 M272 M273 M281 M282 M283 M312 M314 M321 M322 M332 M342 M412 M511 M512 M520 M521 M522 M523 M530 M531 M532 M541 M710 M903 M904 Q318 Q344 Q346 Q454; 9522-D7101-N
 M4 - [02] D013 D019 D022 D023 D024 D025 D029 D300 D399 F010 F012 F013 F014 F015 F019 F020 F021 F029 F211 G010 G013 G019 G020 G021 G029 G037 G038 G039 G040 G111 G112 G221 G299 G542 G552 G562 G572 G582 H103 H141 H142 H143 H341 H342 H343 H541 H542 H543 H6 H601 H609 H663 H7 H721 H722 H724 L143 L199 M1 M116 M119 M122 M123 M124 M125 M126 M129 M133 M134 M139 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M240 M272 M273 M281 M282 M283 M312 M314 M321 M322 M332 M342 M412 M511 M512 M520 M521 M522 M523 M530 M531 M532 M541 M710 M903 M904 Q318 Q344 Q346 Q454 W003 W030; 9522-D7101-N
 PA - (KANE) KANEBO LTD
 PN - JP7089954 A 19950404 DW199522 C07D333/54 025pp
 - JP2711212B2 B2 19980210 DW199811 C07D333/54 026pp
 PR - JP19930208926 19930730; JP19920350956 19921204
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 XP - N1995-131395
 AB - J07089954 Diarylethene type cpd. having the conjugated double bond of formula (I) is new. n = 2-5; A = a gp. of formula (II). I = 1 or 2; R1 = alkyl; R2 = H, alkyl, dialkylamino, CN, nitro or alkoxy; P = aromatic gp. or heterocyclic gp.; B = a gp. of formula (III) or formula (IV). m = 1 or 2; R5, R6 = alkyl; Q = aromatic gp. or heterocyclic gp.; o = 1 or 2; R7 = alkyl; R8-R10 = H, alkyl, dialkylamino, CN, nitro or alkoxy; and T = aromatic gp. or heterocyclic gp. Also claimed is an optical record and playback process of optical record medium using an optical record medium whose recording material is made of cpd. (I), recording information by initiation by irradiating an ultraviolet ray to change to a coloured state and then irradiating visible rays to change into a colourless state and effecting the playback of the recorded information by irradiating visible rays while adjusting the temp. of the optical recording medium at the playback less than or equal the temp. which is

40deg.C below the temp. of the optical recording medium at the recording.

- USE - Cpd. (1) is useful as a reversible optical recording material.
- ADVANTAGE - It has excellent thermal stability, colour-decolouring repeat resistance and semiconductor laser sensitivity.
- (Dwg.0/0)

CN - 9522-D7101-N

IW - DI ARYL ETHYLENE COMPOUND CONJUGATE DOUBLE BOND REVERSE OPTICAL RECORD MATERIAL

IKW - DI ARYL ETHYLENE COMPOUND CONJUGATE DOUBLE BOND REVERSE OPTICAL RECORD MATERIAL

NC - 001

OPD - 1992-12-04

ORD - 1995-04-04

PAW - (KANE) KANEBO LTD

TI - Di:aryl ethene cpd having conjugated double bond - used as reversible optical recording material